

WHAT IS CLAIMED IS:

1.           A battery charger comprising:  
            battery charging circuitry configured to  
            couple to a battery, and to provide a  
5           charging signal to the battery; and  
            communication circuitry, coupled to the  
            charging circuitry, configured to  
            transmit a signal to an external  
            device upon receipt of a charge status  
10           code from the battery charging  
            circuitry.
2.           The battery charger of claim 1 including a  
            Kelvin connection configured to couple to the battery.
- 15           3.           The battery charger of claim 1 wherein the  
            charge status code indicates that the battery charge is  
            complete.
- 20           4.           The battery charger of claim 1 wherein the  
            charge status code is indicative of a time remaining  
            for the battery to be completely charged.
- 25           5.           The battery charger of claim 1 wherein the  
            external device, to which the communication circuitry  
            is configured to transmit the signal, is a pager  
            configured to provide a user with an audio alert.

6. The battery charger of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to provide a user with a visual alert.

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7. The battery charger of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a pager configured to vibrate.

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8. The battery charger of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a two-way pager.

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9. The battery charger of claim 1 wherein the external device, to which the communication circuitry is configured to transmit the signal, is a cell phone configured to provide a text message regarding a charge status of the battery.

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10. The battery charger of claim 1 wherein the signal, that the communication circuitry is configured to transmit, is a radio frequency signal.

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11. The battery charger of claim 1 wherein the signal, that the communication circuitry is configured to transmit, is an infrared signal.

12. A method comprising:  
providing battery charging circuitry  
configured to couple to a battery, and  
5 to provide a charging signal to the  
battery; and  
providing communication circuitry, coupled  
to the charging circuitry, configured  
to transmit a signal to an external  
10 device upon receipt of a charge status  
code from the battery charging  
circuitry.
13. The method of claim 12 further comprising  
15 providing a Kelvin connection configured to couple to  
the battery.
14. The method of claim 12 wherein the charge  
status code indicates that the battery charge is  
20 complete.
15. The method of claim 12 wherein the charge  
status code is indicative of a time remaining for the  
battery to be completely charged.
- 25 16. The method of claim 12 wherein the external  
device, to which the communication circuitry is  
configured to transmit the signal, is a pager  
configured to provide a user with an audio alert.

17. The method of claim 12 wherein the external device, to which the communication circuitry is  
5 configured to transmit the signal, is a pager configured to provide a user with a visual alert.

18. The method of claim 12 wherein the external device, to which the communication circuitry is  
10 configured to transmit the signal, is a pager configured to vibrate.

19. The method of claim 12 wherein the external device, to which the communication circuitry is  
15 configured to transmit the signal, is a two-way pager.

20. The method of claim 12 wherein the external device, to which the communication circuitry is  
configured to transmit the signal, is a cell phone  
20 configured to provide a text message regarding a charge status of the battery.

21. The method of claim 12 wherein the signal, that the communication circuitry is configured to  
25 transmit, is a radio frequency signal.

22. The method of claim 12 wherein the signal, that the communication circuitry is configured to  
transmit, is an infrared signal.